



PTO/SB/08 (2-92)

Sheet 1 of 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 490962002200

Application Number 10/622,914

Applicant

Ellis I. BETENSKY et al.

Filing Date July 18, 2003

Group Art Unit 2873

Mailing Date March 18, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
6/15	1.	07/06/1965	3,192,829	Yamaji	—	—	
5/10	2.	07/20/1976	3,970,366	Sekiguchi	—	—	
5/10	3.	07/05/1977	4,033,674	Sekiguchi	—	—	
5/10	4.	11/20/1990	4,971,428	Moskovich	—	—	
5/10	5.	02/24/1998	5,721,641	Aoki	—	—	
5/10	6.	06/23/1998	5,771,123	Hamano	—	—	
5/10	7.	08/04/1998	5,790,309	Ohtake	—	—	
5/10	8.	11/10/1998	5,835,272	Kodama	—	—	
5/10	9.	12/05/2000	6,157,494	Nagata	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
	0.						

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
	0.	

EXAMINER: S. J. Sugarman

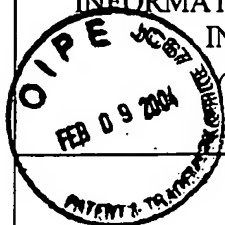
DATE CONSIDERED: 9-2004

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Docket Number 490962002200

Application Number 10/622,914

Applicant

Ellis BETENSKY et al.

Filing Date July 18, 2003

Group Art Unit 2873

Mailing Date February 9, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<i>SJS</i>	1.	11/23/1948	2,454,686	F. G. Back	—	—	
<i>SJS</i>	2.	03/30/1976	3,947,084	Noyes	—	—	
<i>SJS</i>	3.	10/25/1983	4,411,488	Neil	—	—	
<i>SJS</i>	4.	03/20/1990	4,909,614	Itoh et al.	—	—	
<i>SJS</i>	5.	03/16/1993	5,194,886	Mukai et al.	—	—	
<i>SJS</i>	6.	12/14/1993	5,270,857	Oizumi et al.	—	—	
<i>SJS</i>	7.	09/05/1995	5,448,411	Morooka	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
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OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
<i>SJS</i>	8.	"Lens mechanism technology," by D.F. Horne, <i>Crane, Russak & Company, Inc., New York</i> , October 1975.
<i>SJS</i>	9.	"Zoom Lenses II," by Ellis I. Betensky et al., <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , SPIE Vol. 3129, 28-29 July 1997 (pp 90-96)
<i>SJS</i>	10.	"Selected Papers on Zoom Lenses," by Allen Mann, <i>SPIE Optical Engineering Press</i> , SPIE Milestone Series, Vol. MS85, Copyright 1993 (entire book)
<i>SJS</i>	11.	"Zoom Lenses," by Allen Mann, <i>Proceedings, SPIE-The International Society for Optical Engineering</i> , Vol. 2539, 11-12 July 1995 (entire volume)
<i>SJS</i>	12.	"Zoom Lenses," by Iain a. Neil et al., <i>Proceedings Of SPIE-The International Society for Optical Engineering</i> , Vol. 4487, 31 July 2001 (entire volume)

EXAMINER: *S. J. Sugarman*DATE CONSIDERED: *9-2004*

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